

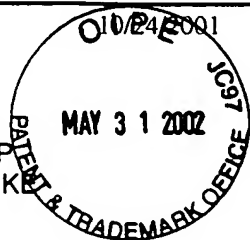


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/037,423	01/24/2001	Richard B. Ertel	907B.0003.U1(US)

29683
HARRINGTON & SMITH, LLP
1809 BLACK ROCK TURNPIKE
FAIRFIELD, CT 06432



CONFIRMATION NO. 7192

FORMALITIES LETTER

COPY OF PAPERS
ORIGINALLY FILED



Date Mailed: 02/05/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/03/2002 ZJUHR1 00000012 10037423

01 FC:105

130.00 3P

Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)

Docket No.
907B.0003.U1(US)

In Re Application Of: ERTEL et. al.

MAY 31 2002

Serial No.
10/037,423

Filing Date
Oct. 24, 2001

Examiner
Unknown

Group Art Unit
2681

Invention: Code Assignment Algorithm for Synchronous DS-CDMA Links with SDMA Using Estimated Spatial
Signature Vectors

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on
February 5, 2002
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ Other (list):

06/03/2002 ZIUHAR1 00000012 10037423

02 FC:115

110.00 0P

Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO 1535) (Large Entity)

Docket No.
907B.0003.U1(US)

In Re Application Of: ERTTEL et. al.

MAY 3 1 2002

Serial No.
10/037,423

Filing Date
Oct. 24, 2001

Examiner
Unknown

Group Art Unit
2681

Invention: Code Assignment Algorithm for Synchronous DS-CDMA Links with SDMA Using Estimated Spatial Signature Vectors

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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☒ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☒ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: April 5, 2002
Date

until: May 6, 2002 (May 5, 2002 was a Sunday)
Date

Total time extension fees **\$110.00**

Total fees due **\$240.00**

Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)

Docket No.
907B.0003.U1(US)

In Re Application Of: ERTTEL et. al.

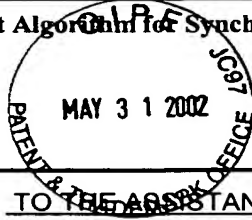
Serial No.
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Filing Date
Oct. 24, 2001

Examiner
Unknown

Group Art Unit
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Invention: Code Assignment Algorithm for Synchronous DS-CDMA Links with SDMA Using Estimated Spatial
Signature Vectors



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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ORIGINALLY FILED**

The fee of \$240.00 is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1924
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 50-1924
A duplicate copy of this sheet is enclosed.

Signature

Dated: May 6, 2002

Harry F. Smith
Registration No. 32,493
Harrington & Smith, LLP
1809 Black Rock Turnpike
Fairfield, CT 06432
(203) 366-4084 phone
(203) 366-4109 fax

I certify that this document and fee is being deposited
on May 6, 2002 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.

Signature of Person Mailing Correspondence

Victoria Parker

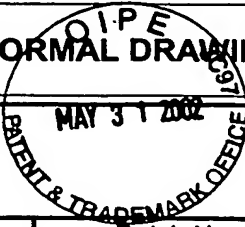
Typed or Printed Name of Person Mailing Correspondence

CC:

TRANSMITTAL OF FORMAL DRAWINGSDocket No.
907B.0003.U1(US)

In Re Application Of: ERTEL et. al.

MAY 31 2002



Serial No.	Filing Date	Batch No.	Examiner	Art Unit
10/037,423	October 24, 2001	Unknown	Unknown	2681

Invention: Code Assignment Algorithm for Synchronous DS-CDMA Links with SDMA Using Estimated Spatial Signature Vectors

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231**COPY OF PAPERS
ORIGINALLY FILED**

Transmitted herewith are:

9 sheets of formal drawing(s) for this application.

☐ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

Harry F. Smith
Registration No. 32,493
Harrington & Smith, LLP
1809 Black Rock Turnpike
Fairfield, CT 06432
(203) 366-4084 phone
(203) 366-4109 fax

Dated: May 6, 2002

I certify that this document and attached formal drawings
are being deposited on May 6, 2002 with the
U.S. Postal Service as first class mail under 37 C.F.R. 1.8
and addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Victoria Parker

Typed or Printed Name of Person Mailing Correspondence